



PATENT APPLICATION  
Docket No.: 301506.1037-014

UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
AUG 15 2003  
TECHNOLOGY CENTER 2800

Applicant: Andrew Karellas  
Application No.: 09/896,427 Filed Date: June 29, 2001  
Confirmation No.: 1123 Group: 2873 Examiner: R. Hanig  
For: System for Quantitative Radiographic Imaging

CERTIFICATE OF MAILING	
I Hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
on <u>August 8, 2003</u>	<u>Jennifer Menard</u>
Date	Signature
<u>Jennifer Menard</u>	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☐ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☒ under 37 CFR 1.97(c) together with either:  
☐ a Statement under 37 CFR 1.97(e), as checked below, or  
☒ a \$180.00 fee under 37 CFR 1.17(p), or  
(More than 3 months after receipt of the International Search Report, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☐ Copies of the cited references are enclosed.
- ☒ In accordance with 37 C.F.R. § 1.98 (d), copies of cited references (AA-AK, AA2-AG2, AL-AP and AR-AW) are not enclosed as these references were entered in earlier application, U.S. Application No. 08/748,384, now Patent No. 5,864,146, to which the present application claims priority under 35 U.S.C. 120. The earlier application contains copies of the cited references.
- ☒ If copies of references (AH2-AK2, AA3-AE3, AQ and AL2) would benefit the Examiner of this case, the Examiner is invited to call the undersigned attorney and copies will be forwarded immediately.
- ☒ Listed references (AP, AB2, AN, AO, AL, AA2, AB3, AK2, AQ, AM and AL2) were cited in the enclosed International Search Report in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ the enclosed English language abstract.

☐ Applicant requests that the following pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_ U.S. Patent Application No. [ ], Publication No. [ ], Publication Date [ ],  
by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☒ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account No. 50-1935 in the amount of \$[ ]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1935.

Respectfully submitted,

BOWDITCH & DEWEY, LLP

By

  
Thomas O. Hoover

Date:

August 8, 2003

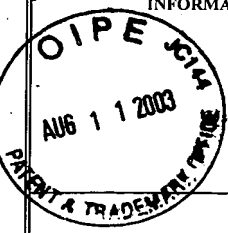
Registration No. 32,470

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PTO-1449 REPRODUCED  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  8/5/2003 (See several sheets if necessary)				ATTORNEY DOCKET NO. 301506.1037-014		APPLICATION NO. 09/896,427	
				APPLICANT Andrew Karellas			
				FILING DATE June 29, 2001		GROUP ART UNIT 2873	
U.S. PATENT DOCUMENTS							
EXAM- -NER INF- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4,298,800	11/03/81	Goldman	250	445	
	AB	4,365,269	12/21/82	Haendle	358	111	
	AC	4,383,327	05/10/83	Kruger	378	19	
	AD	4,593,400	06/03/86	Mouyen	378	99	
	AE	4,686,695	08/11/87	Macovski	378	146	
	AF	4,803,359	02/07/89	Hosoi <i>et al.</i>	250	327.2	
	AG	4,852,137	07/25/89	Mackay	378	62	
	AH	4,933,558	06/12/90	Carter <i>et al.</i>	250	327.2	
	AI	4,987,307	01/22/91	Rizzo <i>et al.</i>	250	368	
	AJ	5,127,032	06/30/92	Lam <i>et al.</i>	378	189	
	AK	5,150,394	09/22/92	Karellas	378	62	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	0 022 564	21/Jan/81	EPO			
	AM	0 373 717	20/June/90	EPO			
	AN	0 288 004	26/Oct/88	EPO			
	AO	0 443 666	28/Aug/91	EPO			
	AP	43 28 782	09/Mar/95	Germany			
	AQ	270 761	15/June/88	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Kashima et al., "Intraoral Computed Radiography Using the Fuji Computed Radiography Imaging Plate", <i>Oral Surgery</i> , Vol. 78, No. 2 (August, 1994).					
	AS	Karellas, et al., "Charge-Coupled Device Detector: Performance Considerations and Potential For Small-Field Mammographic Imaging Applications", (1991).					
	AT	Karellas, et al., "Imaging of Radionuclide Emissions With a Low-Noise Charge-Coupled Device", <i>Nuclear Science</i> , December, 1992.					
EXAMINER				DATE CONSIDERED			

PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 301506.1037-014		APPLICATION NO. 09/896,427	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION 8/5/2003 (Use several sheets if necessary)				APPLICANT Andrew Karellas			
				FILING DATE June 29, 2001		GROUP ART UNIT 2873	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA2	5,262,649	11/16/93	Antonuk <i>et al.</i>	250	370.09	
	AB2	5,307,396	04/26/94	Tsuchino	378	146	
	AC2	5,382,798	01/17/95	Mouyen	250	370.11	
	AD2	5,434,418	07/18/95	Schick	250	370.11	
	AE2	5,510,623	04/23/96	Sayag <i>et al.</i>	250	370.11	
	AF2	5,554,850	09/10/96	Hejazi	250	367	
	AG2	5,576,552	11/19/96	Rantanen	250	484.4	
	AH2	4,843,241	06/27/89	Saotome <i>et al.</i>	250	327.2	
	AI2	5,065,023	11/12/91	Lindmayer	250	330	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL2	WO 94/21174	29/Sept/94	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AU	Hildebolt, C., et al., "PSP-Photostimulable Phosphor Dental Radiography", (1995).					
	AV	Brandt, M., "The Design and Performance Characteristics of a Collector for High Efficiency Detection of Photostimulable Phosphor Emissions", Spie Vol. 1896, <i>Physics of Medical Imaging</i> (1993).					
	AW	Newell, J. "Digital Imaging In Diagnostic Radiology", <i>Churchill Livingstone</i> , New York, 1990.					
EXAMINER				DATE CONSIDERED			

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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AJ2	5,115,336	05/19/92	Schildkraut <i>et al.</i>	359	263	
	AK2	5,166,962	11/24/92	Murooka <i>et al.</i>	378	34	
	AA3	5,347,139	09/13/94	Barker <i>et al.</i>	250	583	
	AB3	5,400,379	03/21/95	Pfoh <i>et al.</i>	378	19	
	AC3	5,485,500	06/16/96	Baba <i>et al.</i>	378	98.2	
	AD3	5,864,146	01/26/99	Karellas	250	581	
	AE3	6,031,892	02/29/00	Karellas	378	98.3	
EXAMINER				DATE CONSIDERED			